Application or Docket Number

PATENT APPL	ICATION	FEE DETERMINATION	ON RECORD
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Effective December 29, 1999 Pagi											
	CLAIMS AS FILED - PART I (Column 1) (Column 2)						SMALL TYPE	ENTITY	OR	OTHER SMALL	
FO	FOR NUMBER FILED NUMBER EXTRA				EXTRA	·ſ	RATE	FEE		RATE	FEE
BA	BASIC FEE							345.00	OR		690.00
TO	TAL CLAIMS	48	minus 2	0= · 38	3		X\$ 9=		OR	X\$18=	504
INDEPENDENT CLAIMS 3 minus 3 =						X39=		OR	X78=	•	
MULTIPLE DEPENDENT CLAIM PRESENT						+130=		ОЯ	+260=		
* If the difference in column 1 is less than zero, enter "0" in column 2					column 2	· L	TOTAL		OR	TOTAL	1194
CLAIMS AS AMENDED - PART II (Column 1) (Column 2) (Column 3)							SMALL	ENTITY	OR	OTHER SMALL	
NTA		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
AMENDMENT	Total	. 48	Minus	48	= 0		X\$ 9=	·	OR	X\$18=\	
ME	Independent	· 3	Minus	··· 3	<i>₹</i>		X39=		OR	X78=	\
•	FIRST PRESE	NTATION OF MU	JLTIPLE DEF	PENDENT CLAIM			+130=	To the second	ÖŔ	+260=	
						,	TOTAL ADDIT, FEE		OR	TOTAL ADDIT. FEE	
		(Column 1)		(Column 2)	(Column 3)	۱ ـ				·	,
NT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
AMENDMENT	Total	. 48	Minus	48	= Ø		X\$ 9=		OR	X\$18+	
ME	independent	· 3	Minus	3	= Ø		X39=		OR	:::X78=	
	FIRST PRESE	NTATION OF MI	ULTIPLE DEI	PENDENT CLAIM		۱ [+130=		OR	+260=	\ .
							TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	
		(Column 1)		(Column 2)	(Column 3)						
NTC		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
MENDMENT	Total	. 49	Minus	48	· = Ø		X\$ 9=		OR'	≈3X\$18=	
E S	Independent	• 3	Minus	3	=0		X39=	440	OB	X78=	1000

FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM

"If the "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

OR ADDIT FEE

+130 =

[&]quot;If the mtry in column 1 is less than the entry in column 2, write "0" in column 3.
"If the "Highest Numb r Previously Paid For IN THIS SPACE is less than 20, enter "20."
"If the "Highest Number Previously Paid For IN THIS SPACE is less than 3, int r "3." ADDIT. FEE

PATENT APPLICATION FEE DETERMINATION RECORD Effective December 29, 1999 ao CLAIMS AS FILED - PART I OTHER THAN SMALL ENTITY TYPE [SMALL ENTITY OR (Column 1) (Column 2) NUMBER EXTRA NUMBER FILED FOR RATE FEE RATE FEE 345.00 690.00 OR BASIC FEE minus 20-X\$18= TOTAL CLAIMS X\$ 9minus 3 INDEPENDENT CLAIMS X39= X78-OF MULTIPLE DEPENDENT CLAIM PRESENT +260= +130= OR If the difference in column 1 is less than zero, enter "0" in column 2 TOTAL TOTAL OR OTHER THAN **CLAIMS AS AMENDED - PART II SMALL ENTITY** SMALL ENTITY OR (Column 2) (Column 3) (Column 1) 1(4)1231 ADDI-CLAIMS ADDI-NUMBER PRESENT REMAINING TIONAL RATE TIONAL RATE PREVIOUSLY EXTRA **AFTER** ENDMENT FEE: FEE PAID FOR AMENDMENT X\$18= X\$ 9= Minua OR Total Ø Minus Independent X78= X39= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM ÷260= +130= ÒA (017) TO IA OR ADDIT. FEE ADDIT. FEE (Column 2) (Column 3) (Column 1) HIGHEST CLAIMS ADDI-ADDI-NUMBER PRESENT REMAINING TIONAL TIONAL RATE RATE PREVIOUSLY EXTRA AFTER FEE FEE PAID FOR AMENDMENT X\$18 Minus D X\$ 9= OR Total Minus Independent -X78= X39= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +260= +130= **OB** 101/1 ADDIT, FEE ADDIT. FEE (Column 3) (Column 2) (Column 1) HIGHEST ADDI-CLAIMS ADDI-NUMBER PRESENT REMAINING TIONAL TIONAL RATE RATE PREVIOUSLY EXTRA AFTER AMENDAEM FEE FEE PAID FOR AMENDMENT X\$18= Minus X\$ 9-OA Total or fine 40. ***X78**2* Minus المالة Independent X39= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM A 37 +260-+130= * If the nery in column 1 is less than the entry in column 2, write "0" in column 3. "If the "Highest Numb I Previously Paid For" IN THIS SPACE is less than 20, enter "20."
"If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3; at 1"3." ADDIT, FEE ADDIT, FEE The Highest Number Previously Paid For (Total or Independent) is the highest number found in the appropriate box in column 1 A STATE OF THE STA Patent and Trademark Office, U.S. OEPARTMENT OF CO FORM PTO-678 (Rev. 12/89) The state of the s

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PATENT APPLICATION FEE DETERMINATION RECORD													
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	CLAIMS AS FILED - PART I (Column 1) (Column 2)						. ;	SMALL TYPE	L EN				R THAN
	TOTAL CLAIM	18						RATE	E	FEE	7	RATE	FEE
1	FOR		NUMBER	R FILED	NUM	IBER EXTRA	+	BASIC F		 	, T _{OP}	BASIC FEE	-
	TOTAL CHARG	SEABLE CLAIMS	m	ninus 20=	*		† ′	X\$ 9:	,_	Ī	OR	1	
⊪	INDEPENDENT			minus 3 =	*	,	1	X42=			-	`	
	MULTIPLE DEPI	ENDENT CLAIM P	PRESENT				1 1	 	\dashv		OR		
1	* If the differen	ce in column 1 is	s less than 7	zero, ente	r "0" in	column 2	1	+140=		·	OR		
		CLAIMS AS A						TOTAL	L		OR		
ŀ		(Column 1)		(Colun	mn 2)	(Column 3)	1.	SMAL	LE	ENTITY	OR	OTHER SMALL	
	Total Independent	CLAIMS REMAINING AFTER AMENDMENT		HIGHI NUME PREVIO PAID F	IBER OUSLY	PRESENT EXTRA		PATE		ADDI- TIONAL FEE		FATE	ADDI- TIONAL FEE
	Total	* 5	Minus	** 48	8	= 13		X\$ 9=	-		ÓR	X\$18±	<u> </u>
	Independent FIRST PRES	* / SENTATION OF MU	Minus	***	3	= 0	1 [X42=	1		OR	\ \ \ \ \	
-	Finor i nec	ENTATION OF MIC	ULTIPLE DE	PENULINI	CLAIM		1	+140=	1		OR	+280=	$\overline{}$
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_		(Column 1)		(Colum		(Column 3)		ADDIT. FEI	E L		,0,.,	ADDIT. FEE	/
NDMENT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHE NUMB PREVIOU PAID F	BER DUSLY	PRESENT EXTRA	[RATE	T	ADDI- TONAL FEE		RATE	ADDI- TIONAL FEE
CN	Total	*	Minus	**		=	11	X\$ 9=		,	OR	X\$18=	<u></u>
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ji H	<u> </u>	(Column 1)		(Columr	ın <u>2</u>)	(Column 3)	AD	DDIT. FEE	ــان		Ju Vi	ADDIT. FEE	
AMENDMENT C	100	CLAIMS REMAINING AFTER AMENDMENT		HIGHES NUMBE PREVIOU PAID FO	ST ER USLY	PRESENT EXTRA		RATE	TIC	ADDI- IONAL FEE	ſ	RATE	ADDI- TIONAL
ZQN.	Total	*	Minus	**		=		X\$ 9=	+			X\$18=	FEE
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Ļ	FIRST PRESE	ENTATION OF MUL	LTIPLE DEPI	ENDENT C	CLAİM		∖ ⊢	·	+		OR	X84=	
*	If the entry in colu	ımn 1 is less than the	e entry in colur	mn 2. write "f	o" in colu	ımn 3 🕝	<u> </u>	+140=		C	OR _	+280=	
, AA	" if the "Highest Nur "*If the "Highest Nur	imber Previously Paid imber Previously Paid	id For" IN THIS id For" IN THIS	S SPACE is le S SPACE is le	less than 2 less than :	20, enter "20."	, 10 -	TOTAL DIT. FEE	<u></u>			TOTAL DDIT. FEE	
	The "Hignest ivurii	nber Previously Paid I	For" (Total or I	ndependent)) is the hi	ighest number f	found	in the apr	prop	riate box ir	n colum	nn 1.	•

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